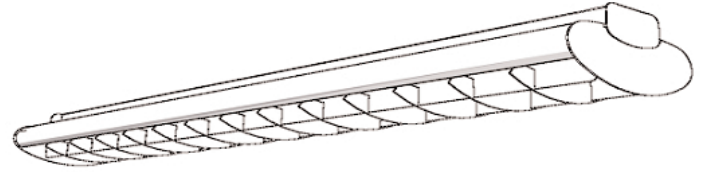
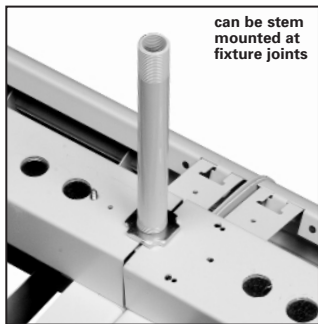


Features

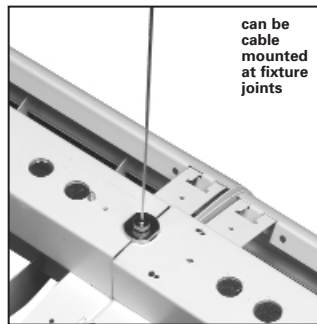
- Ideal for stores, schools, labs, warehouses.
- 55% downlight, 45% uplight.
- 80.0% efficient (3 lamp 54W T5). 80.2% efficient (3 lamp 32W T8).
- 1.5 spacing mounting ratio (3 lamp 54W T5).
- 1.4 spacing mounting ratio (3 lamp 32W T8).
- Can be pendant or surface mounted.
- 48" or 96" modular lengths.
- 20 gauge steel housing. 18 gauge steel ends.
- 22 gauge steel side reflectors.
- Flat white acrylic baked enamel, post painted.
- Louver can hinge from either side.
- Louver safety chain standard.
- Removeable upper end cap for thru wiring.
- Can be stem or cable mounted at fixture joints.
- K.O. in upper end cap for occupancy sensor.
- Heavy duty coupler available.
- Meets NYC Code requirements.



Mounting Methods



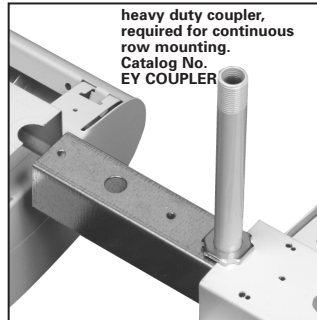
can be stem
mounted at
fixture joints



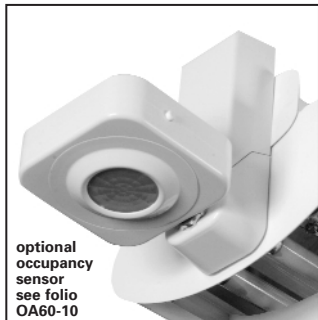
can be
cable
mounted at
fixture
joints



can be
suspended
with chain
hanger
sets
Catalog No.
AH5 CSP



heavy duty coupler,
required for continuous
row mounting.
Catalog No.
EY COUPLER



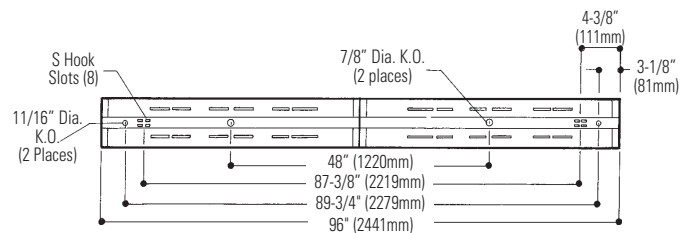
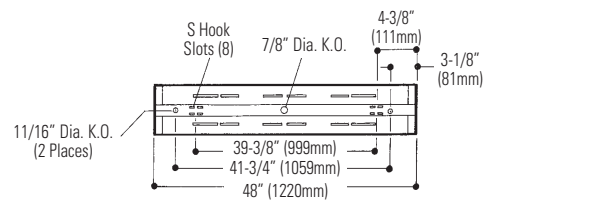
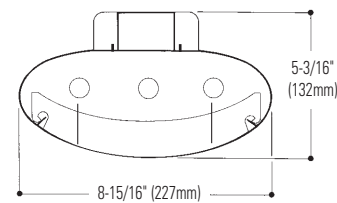
optional
occupancy
sensor
see folio
OA60-10

Luminaire-Mounted Motion Sensor

360° coverage, up to 45 ft. mounting distance.
Field installed. Catalog Number: **FHB360**.

- Line voltage accepts 120 through 347 volt applications.
- Uses passive infrared (PIR) technology shielded by a fresnel lens; upon detection of infrared energy levels, the sensor is triggered and switches the light on.
- Light shuts off after a time delay unit that is factory preset at 10 minutes, manually adjustable from 30 sec. to 20 min. using tool included.
- Mounts on either end using 7/8" knockouts provided.

Dimensions



Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:

Lightolier a Genlyte company

www.lightolier.com

Technical Information: (978) 657-7600 • Fax (978) 658-0595

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

We reserve the right to change details of design, materials and finish.

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Section 5/Folio K60-35



Model No. EYS442FX332UNVH3

LER = FP - 66.9 IW - 90.0 BF - 0.88
Comparative yearly lighting energy cost per
1000 lumens = \$3.59

Report Number: G2005281
Catalog Number: EYS442FX332UNVH3
Lamps: F32T8/TL841
Luminaire: Eye-Q LB with solid sides, 42
cell flat white louver and 45% uplight
specular reflector
Ballast: Triad B332I120RH-A
Report is based on 2850 Lumens per lamp.
Efficiency: 80.2%
CIE Type-Direct-Indirect
Plane: 0-Deg 90-Deg
Spacing Criteria: 1.1 1.4
Shielding Angles: 90 90
Plane: 0-Deg 90-Deg
Luminous Length: 48.000 9.000
Height of Side: 3.960 3.960

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD. EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

RC	80	50	30	10
1	79	75	72	60
2	72	66	61	52
3	66	58	52	46
4	60	51	45	41
5	55	46	39	37
6	51	41	35	33
7	47	37	31	30
8	44	34	28	23
9	41	31	25	21
10	38	28	23	19

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	3303.	3539.	3198.
55	2747.	2742.	2435.
65	2055.	1969.	1768.
75	1462.	1347.	1343.
85	720.	1198.	1024.

CANDELA DISTRIBUTION

	0.0	45.0	90.0	FLUX
0	1288	1288	1288	
5	1270	1308	1343	125
15	1186	1338	1456	378
25	1052	1336	1411	588
35	874	1125	1189	672
45	705	880	908	661
55	491	602	634	533
65	285	362	405	370
75	138	192	256	209
85	34	116	150	117
90	6	101	118	
95	57	223	253	216
105	212	415	528	406
115	370	474	655	478
125	509	501	636	482
135	631	560	612	468
145	734	713	643	442
155	810	844	803	379
165	858	882	895	249
175	876	877	886	84
180	876	876	876	

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0- 30	1091	12.8	15.9
0- 40	1764	20.6	25.7
0- 60	2958	34.6	43.1
0- 90	3654	42.7	53.3
90-120	1100	12.9	16.0
90-130	1581	18.5	23.1
90-150	2491	29.1	36.3
90-180	3203	37.5	46.7
0-180	6857	80.2	100.0

Model No. EYS442FX354UNVPG

LER = FP - 60.2 IW - 175.5 BF - 1.00
Comparative yearly lighting energy cost per
1000 lumens = \$3.99

Report Number: G2005300
Catalog Number: EYS442FX354UNVPG
Lamps: FP54/835
Luminaire: Eye-Q LB with solid sides, 42
cell flat white louver and 45% uplight
specular reflector.
Ballast: Universal B454IUNV-E
Report is based on 4400 Lumens per lamp.
Efficiency: 80.0%
CIE Type-Direct-Indirect
Plane: 0-Deg 90-Deg
Spacing Criteria: 1.1 1.5
Shielding Angles: 90 90
Plane: 0-Deg 90-Deg
Luminous Length: 48.000 9.000
Height of Side: 3.960 3.960

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD. EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

RC	80	50	30	10
1	79	76	72	61
2	72	66	61	53
3	66	58	52	47
4	60	52	45	42
5	55	46	40	38
6	51	41	35	34
7	47	37	31	31
8	44	34	28	24
9	41	31	25	21
10	38	29	23	19

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	5309.	5823.	5632.
55	4475.	4805.	3425.
65	3418.	3008.	3017.
75	2416.	2259.	2266.
85	1207.	2024.	1686.

CANDELA DISTRIBUTION

	0.0	45.0	90.0	FLUX
0	1996	1996	1996	
5	1972	2120	2221	203
15	1850	2288	2445	626
25	1655	2138	2086	933
35	1389	1664	1949	1080
45	1133	1448	1599	1112
55	800	1055	892	834
65	474	553	691	596
75	228	322	432	352
85	57	196	247	197
90	11	172	205	
95	137	379	219	333
105	403	571	845	627
115	633	686	808	658
125	824	639	861	683
135	991	708	725	640
145	1122	1126	793	639
155	1214	1238	1253	568
165	1264	1258	1269	357
175	1277	1269	1279	121
180	1272	1272	1272	

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0- 30	1763	13.4	16.7
0- 40	2842	21.5	26.9
0- 60	4788	36.3	45.3
0- 90	5934	45.0	56.2
90-120	1618	12.3	15.3
90-130	2301	17.4	21.8
90-150	3580	27.1	33.9
90-180	4626	35.0	43.8
0-180	10561	80.0	100.0

Ordering Information

Explanation of Catalog Number. Example: EYS442FX332UNVH3

EY	S			F	X	3				
Eye-Q LB: Suspended/ Surface Fluorescent Luminaire	S=Solid Sides	Fixture Length: 4=48" 8=96"	14= 14 Cell Louver 1 Row 42= 42 Cell Louver 3 Rows	Finish: F= Flat White	X= No Top Reflector	Lamp Quantity: 3=3 Lamp 3 Lamps in Tandem for 96" Units	Lamp Type: (By Others) 32=T8 28=T5 54=T5 (Nominal 48")	Voltage: 120, 277 or UNV=120-277	Ballast Type:	Options: Add appropriate suffix to catalog no., ie: (GLR)

Options/Accessories

Stem and Canopy Sets: Suspends fixture 6", 12", 18" or 24" from surface.

Catalog Number: **ASC6 CSP** (6"), **ASC12 CSP** (12"), **ASC18 CSP** (18"),
ASC 24 CSP (24").

Fusing: Internal fast blow fusing: SUFFIX: **GLR**.

Internal slow blow fusing: SUFFIX: **GMF**.

Emergency Pack: Factory-installed emergency power battery pack with
charger and inverter. SUFFIX: **LP400** (T8), **LP550** (T5).

Cable Hangers: Adjustable 6"-60".

Single Cable and Canopy: Catalog Number: **WC60**.

Single Cable, Straight Cord and Canopy: Catalog Number: **WCCC60****.

Single Cable, Coil Cord and Canopy: Catalog Number: **WCCC60****.

Chain Hanger Kits: Catalog Number: **AH5 CSP**.

**Cord, 3-#18 wires.

Specifications

Materials: Housing is die-formed 20 gauge cold rolled steel with full length
channel for thru wiring..

Fixture Ends: 18 gauge cold rolled steel.

Louver: 22 gauge cold rolled steel.

Side Reflectors: Solid 22 gauge cold rolled steel.

Finish: Post painted white acrylic baked enamel.

Specifications (continued)

Electrical: Thermally protected class "P" ballast C.B.M. approved, non PCB. If
K.O. is within 3" of ballast, use wire suitable for at least 90°.

UL Listed for damp locations.

Labels: I.B.E.W./UL and ULc Listed.

Job Information

Type:

Lightolier a Genlyte company

www.lightolier.com

Technical Information: (978) 657-7600 • Fax (978) 658-0595

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

We reserve the right to change details of design, materials and finish.

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